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ABSTRACT

METHOD FOR FRACTIONATING RED BLOOD CELLS AND ANTIBACTERIAL

5 MATERIALS OR BACTERIAL PROLIFERATION INHIBITORS PRODUCED
THEREBY

A method for fractionating red blood cells of human blood
10 into three fractions comprises following steps; (a)human blood
sample is mixed with dextran aqueous solution and maintained
stationarily for 60 to 75 min to fractionate this blood sample
into three layers; (b)the upper, intermediate, and lower layer
samples are individually separated and collected; and (c)the
15 upper layer sample is treated with hypotonic solution for a
short period and then added with hypertonic solution. Further
the invention provides antibacterial or bacterial
proliferation inhibitory material produced by the method. This
method can easily fractionate three different blood fractions
20 including red blood cells as a main component and having
different functions. These three different fractions can be
applied to several clinical tests such as antibacterial test
and the like.